

PRECISION AGRICULTURE CERTIFICATE

Entry Time

Fall, Spring

Award

Certificate

1 year (2 terms)

The Precision Agriculture Certificate teaches students the tools and process of precision farming. This includes using Global Positioning Systems (GPS), Geographical Information Systems (GIS) and Intelligent Devices and Implements (IDIs). Students will collect information, analyze data and implement best management practices into farming practices.

Certificate Requirements

Term 1		Credit Hours
AGA-154	Fundamentals of Soil Science	3
AGP-333	Precision Farming Systems	3
AGP-143	Fundamentals of Electricity for GPS	1
AGP-420	Geospatial Data Collection	3
Certificate Program Elective		3
Term Totals:		13
Term 2		Credit Hours
AGA-114	Principles of Agronomy	3
AGP-405	Ag Applications of GIS	3
AGP-425	Agricultural Spatial Analysis	3
Certificate Program Elective		3
Term Totals:		12
Program Totals:		25

Certificate Program Electives

Code	Title	Credit Hours
AGP-435	Advanced Precision Farming: Software Software	3
AGP-440	Ag Applications of Digital Imagery	3
AGA-216	Row Crop and Forage Production	4
AGM-419	Machinery Servicing	3
AGM-334	Advanced Ag Electronics	2